2833



REPATEND Attorney Docket No. 203445 JUL 27 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE.

In re Application of:

Mark A. Richmond et al.

Application No. 09/829,665

Filed: April 10, 2001

For: ELECTRICAL CONNECTOR

Group Art Unit: 2833

Examiner: Not yet assigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

within any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

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	after (a), (b), (c) or (d) above, but before the mailing date of a final action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and includes <i>one</i> of:
	the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).
	or the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).
	after the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance under 37 CFR 1.311, or an action that otherwise closes prosecution in the application, and on or before payment of the issue fee, and includes the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below).
	after the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before payment of the issue fee, and within thirty days of receiving each item of information contained in the Information Disclosure Statement, and includes the Statement under 37 CFR 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of \$180 as set forth in 37 CFR 1.17(p) (see "Fees" below). NOTE: This is for original applications except applications for a design patent, filed on or after May 29, 2000, wherein a paper containing only an Information Disclosure Statement in compliance with 37 CFR 1.97 and 1.98 is being filed.
Copie	s of the References
\boxtimes	Copies of the references listed on the enclosed Form 1449 are enclosed herewith. Attached to each reference not in the English language is a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3).
	A copy of the foreign search report is enclosed herewith.
	The references listed on the enclosed Form 1449 were previously identified in the parent application(s) of the present application, and copies of the references were furnished at that time. Accordingly, additional copies of the references are not submitted herewith, so as not to burden the file with duplicate copies of references. The Examiner is respectfully requested to carefully review the references in accordance with the requirements set out in the Manual of Patent Examining Procedure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

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	U.S. APPLICATIONS Status (check one)									
	S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED					
1.										
2. 3.			 		· ·					
	nent under 37 CFR	1.97(e)		L	L					
	Information Disclering foreign patent office	hereby states that each sure Statement was force in a counterpart fore filing of the Information	irst cited in a ign patent appl	ny commun	ication from a					
	The undersigned hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.									
Staten	nent under 37 CFR	1.704(d)								
	The undersigned hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.									
Fees	s en									
	No fee is owed by the IDS Fee of \$18	he applicant(s). 30 under 37 CFR 1.17(p) is enclosed he	erewith.						
Metho	od of Payment of Fe	es								
		in the amount of \$ count No. 12-1216 in the is enclosed for that pur		. (A dı	uplicate copy of					
Autho	orization to Charge	Additional Fees								
		es are owed in connection 12-1216. (A duplication								

In re Appln. of Richmond et al. Application No. 09/829,665

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John M. Augustyn, Reg. No. 33,589 LEYDIG, VOIT & MAYER, LTD. Two Prudential Plaza, Suite 4900 180 North Stetson Chicago, Illinois 60601-6780 (312) 616-5600 (telephone) (312) 616-5700 (facsimile)

Date: July 19, 2001

CERTIFICATE OF MAILING

I hereby certify that this INFORMATION DISCLOSURE STATEMENT (along with any documents referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

IDS (Rev. 2/1/2001)

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Substitute for form 1449A/B/PTO

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

	Complete if Known						
Application Number	09/829,665						
Filing Date	April 10, 2001						
First Named Inventor	Mark A. Richmond						
Group Art Unit	2833						
Examiner Name	Not yet assigned						
Attorney Docket Number	203445 (July 19, 2001)						

					U.S	. PATENT DOCUMENTS				
Examiner Initials	Doc. No.	Appl	S. Patent Do ication or it Number	Cument Kind Cod	e	Name of Patentee or Applicant	Date of Publication		Filing Da	
	AA	2,238,6	596		J.A	A. Hanley	4-15-41	1-1	1-40	
	ΑВ	3,491,3	330		Н.	E. Barnhart et al.	1-20-70	9-2	22-67	
	AC	3,611,2	272		Fa	irbairn et al.	10-5-71	7-1	-70	
	AD	4,229,0	064		Ve	tter et al.	10-21-80	10-	-25-78	3
	ΑE	4,820,2	204		Ba	tty	4-11-89	12-	-12-86	
	ΑF	4,895,	535		En	nadi et al.	1-23-90	6-7	7-89	
	AG	4,990,0)99		Ma	arin et al.	2-5-91	9-1	8-89	
	АН	5,167,	542		Ha	itmanek	12-1-92	8-7	'-91	
	ΑI	5,254,0	019		No	schese	10-19-93	7-8	3-92	
	AJ	5,289,5	554		Cu	bukciyan et al.	2-22-94	9-2	9-92	
	AK	5,335,3	301		Newman et al.		Newman et al. 8-2-94		5-93	
	ΑL	5,370,5	557		Olsson		12-6-94	10-	-22-93	}
	AM	5,392,	194		Ze	ll et al.	2-21-95	6-18-93		
	AN	5,441,4	126		Во	ulais	8-15-95	12-	9-93	
	ΑO	5,462,4	1 55		Re	eichle	10-31-95	8-1	2-93	
	ΑP	5,795,	175		Ba	rr	8-18-98	2-2	21-95	
	ΑQ	5,871,3	373		Pa	cini et al.	2-16-99	2-2	23-96	
·	AR	5,938,4	183		Zw	veigle et al.	8-17-99	11-	-18-97	,
					FORE	IGN PATENT DOCUMENTS				
		F	oreign Paten	t Document					Trans	lation
Examiner Initials	Doc. No.	Office	Applica Patent N		Kind Code	Name of Patentee or Applicant	Date of Publicati	on	Yes	No*

		OTHER - NON PATENT LITERATURE DOCUMENTS	-	-		
Examiner	Doc. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item					
Initials	No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*+		
	AS	Photograph of a contact insertion/extraction tool, numbers MS27534-22D (insertion tool) and M81969 14-01 (extraction tool), Aiconics, U.S.A., available prior to April 10, 2000.				
	ΑТ	Photograph of a 40-position contact insert, number EPX40 SA 96 45, Radiall, available prior to April 10, 2000.				
	ΑU	Two photographs of a receptacle with a "B" insert and dust caps mounted thereto, number EPX 2R 26C (receptacle), Radiall, available prior to April 10, 2000.				
J	AV	Two photographs of a plug with dust caps mounted thereto, number EPX 2P 29C (plug), Radiall, available prior to April 10, 2000.	<u> </u>			
·	AW	Three photographs of a 78-position plastic receptacle, number 1900 ND02 P1 AIR LB 97-46, AIR LB, available prior to April 10, 2000.				
,	AX	Photograph of a strain relief backshell, number AIR LB 001901 050 00, AIR LB, available prior to April 10, 2000.				

Examiner Signature	Date Considered	
Examine Signature	Date Considered	

A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

⁺ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

Please type a plu	s sign (+) inside this bo	×→ [PE		—	
		7	6/		Complete if Known	
Substitute for fo	rm 1449A/B/PTO	JUL	2 3 2001	Application Number	09/829,665	
INIEC	RMATION			Filing Date	April 10, 2001	
INFO	TEMENT D		DI IO COLT	First Named Inventor	Mark A. Richmond	
SIA	TEMENT B	YYE	PLICAPIN I	Group Art Unit	2833	
	(Use as many shee			Examiner Name	Not yet assigned	
Sheet	2	of	2	Attorney Docket Number	203445 (July 19, 2001)	•

		OTHER - NON PATENT LITERATURE DOCUMENTS	T	alation
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	slation No**
,	ΑY	Two photographs of a 78-position plastic plug, number 97-40-CD9 FAST-D 02 F-X, AIR LB, available prior to April 10, 2000.		
	ΑZ	Photograph of a two-cavity receptacle, TRI-STAR, AIRINC, available prior to April 10, 2000.		
,	ВА	Photograph of a single cavity, 96-position receptacle, AIRINC, available prior to April 10, 2000.		
,	ВВ	Photograph of a single cavity, 96-position plug, AIRINC, available prior to April 10, 20000.		
4	ВС	ITT Cannon catalog, AIRINC 600 Rack and Panel Connectors, pp. 403-415, 1991.		
•	BD	Boeing Aerospace Corporation Specification BACC65AB, Connector, Electrical, General Purpose, Rectangular, Receptacle Shell, January 28, 1999.		
•	BE	Boeing Aerospace Corporation Specification BACC65AA, Connector, Electrical, General Purpose, Rectangular, Plug Shell, January 29, 1999.		
· •	BF	Hypertonics Corporation catalog, pp. L1-L19 and N1-N11, 1993.		
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Examiner	Date	
Signature	Considered	

^{*} A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

⁺ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).